

Access DB# 63322**SEARCH REQUEST FORM**

Scientific and Technical Information Center

Requester's Full Name: DS NAKARAN Examiner #: 69163 Date: 3-27-02
 Art Unit: 1773 Phone Number 301-82413 Serial Number: 09/901,671
 Mail Box and Bldg/Room Location: CP3 11B06 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

PLEASE DO LITIGATION SEARCH ON REISSUE
 APPLICATION SIN 09/901,671 and
 PATENT NO. 6,197,428

THANK YOU

Nakaran

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Searcher: M. Herson

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Searcher Location: _____

Date Searcher Picked Up: _____

Date Completed: 3/27/02

Searcher Prep & Review Time: _____

Clerical Prep Time: _____

Online Time: 20

Type of Search

NA Sequence (#) _____

AA Sequence (#) _____

Structure (#) _____

Bibliographic _____

Litigation ☒

Fulltext _____

Patent Family _____

Other _____

Vendors and cost where applicable

STN _____

Dialog _____

Questel/Orbit 32.04

Dr. Link _____

Lexis/Nexis 40.00

Sequence Systems _____

WWW/Internet _____

Other (specify) _____

Current session 27/03/2002

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QUESTEL.ORBITE (TM) 1998

27/03/02 21*11*42

Last connection: 27/03/02 18*33*01

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- SERVICE SHUTDOWN SUNDAY 31 MARCH - SEE INFO STOP
- ..FILE / ..INFO / ..GUIDE

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27/03/02 21*11*42

Last connection: 27/03/02 18*33*01

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- PlusPat Family w Legal Status in ONE record: INFO MFAMSTAT
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- New format and database names, see INFO COMPU-MARK
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- EPAPAT contains all unique EPTXT data. EPTXT file removed
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Query/Command : file pluspat

QUESTEL - Time in minutes : 3,33

The cost estimation below is based on Questel's
standard price list

Estimated cost :	2.88 USD
Cost estimated for the last database search :	2.88 USD
Estimated total session cost :	2.88 USD

Selected file: PLUSPAT

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Comprehensive Worldwide Patents database

New Family Legstat & LEGAL Displays; INFO MFAMSTAT & INFO NEWS-PLUSPAT

Last database update: 2002/03/23 (YYYY/MM/DD) 2002-11/UP (basic update)

Search statement 1

Query/Command : us6197428/pn**** SS 1: Results 1**

Search statement 2

Query/Command : prt full n nstop legalall

1 / 1 PLUSPAT - ©QUESTEL-ORBIT

PN - US6197428 B1 20010306 [US6197428]
TI - (B1) Gemstones and decorative objects comprising a substrate and an optical interference film
PA - (B1) DEPOSITION SCIENCES INC (US)
IN - (B1) ROGERS DONALD Z (US)
AP - US29677994 19940826 [1994US-0296779]
PR - US29677994 19940826 [1994US-0296779]
IC - (B1) B32B-009/04
EC - A44C-017/00
B44C-005/06
B44F-001/02
PCL - ORIGINAL (O) : 428446000; CROSS-REFERENCE (X) : 063032000 428542200
428688000 428689000
DT - Corresponding document
CT - US3539379; US4599251; US4793864; US5054902; AT265718; CH346666; CH410498;
DE2444705 A1; DE3708171 A1
Optics, pp. 376-377 .COPYRGT. 1987 Addison-Wesley.
STG - (B1) U.S. Patent (no pre-grant pub.) after jan. 2, 2001
AB - An article useful as a gemstone or decorative object. A formed substrate is used as a base for an optical interference coating applied on the exterior of the substrate. The optical interference coating is made of alternating layers of materials with relatively high refractive indices and relatively low refractive indices, the refractive indices and thicknesses of the alternating layers being chosen so that at least part of the light of wavelengths between 400 nanometers and 700 nanometers incident on the article is reflected. The optical coating creates an interference filter formed of alternating layers of a material with a low refractive index and a material with a high refractive index. The article provides a visual appearance that is novel and different from other gemstones or decorative objects, either man-made or natural.
UP - 2001-14

1 / 1 LGST - ©LEGSTAT

PN - US 6197428 [US6197428]
AP - US 296779/94 19940826 [1994US-0296779]
DT - US-P
ACT - 19940826 US/AE-A
APPLICATION DATA (PATENT)
US 296779/94 19940826 [1994US-0296779]

20010306 US/BA
PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)

20011023 US/RF
REISSUE APPLICATION FILED
20010711
UP - 2001-44

1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,197,428 A 20010306 [US6197428]
PA - Deposition Sciences Inc
ACT - 20010711 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20011023
REISSUE REQUEST NUMBER: 09/901671
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1773

Reissue Patent Number:

1 / 1 PAST - ©PAST

AN - 200143-001810
PN - 6197428 A [US6197428]
OG - 2001-10-23
ACT - REISSUE APPLICATION FILED

Query/Command : file inpadoc

PLUSPAT - Time in minutes : 1,18
The cost estimation below is based on Questel's
standard price list

Estimated cost :	2.59 USD
Records displayed and billed : 1	
Estimated cost :	1.10 USD
Cost estimated for the last database search :	3.69 USD
Estimated total session cost :	6.57 USD

LGST - Time in minutes : 0,30
The cost estimation below is based on Questel's

standard price list

	Estimated cost :	0.33 USD
Records displayed and billed :	1	
	Estimated cost :	0.57 USD
Cost estimated for the last database search :		0.90 USD
Estimated total session cost :		7.47 USD

CRXX - Time in minutes : 0,65
The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.97 USD
Records displayed and billed :	1	
	Estimated cost :	5.00 USD
Cost estimated for the last database search :		5.97 USD
Estimated total session cost :		13.44 USD

PAST - Time in minutes : 0,29
The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.57 USD
Records displayed and billed :	1	
	Estimated cost :	5.61 USD
Cost estimated for the last database search :		6.18 USD
Estimated total session cost :		19.62 USD

LITA - Time in minutes : 0,12
The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.23 USD
Cost estimated for the last database search :		0.23 USD
Estimated total session cost :		19.85 USD

NO Litigation Reported

Selected file: INPADO

You are now connected to INPADO
Covers 1968/1973 thru weekly updates (2002-11)
For information on content, ..INFO INPD.

Search statement 1

Query/Command : fam us6197428/pn

1 Patent Groups

**** SS 1: Results 2**

Search statement 2

Query/Command : famstate nonstop

1 / 2 INPADOC - ©INPADOC

PN - US 6197428 BA 20010306 [US6197428]
TI - GEMSTONES AND DECORATIVE OBJECTS COMPRISING A SUBSTRATE AND AN OPTICAL INTERFERENCE FILM
IN - ROGERS DONALD Z [US]
PA - DEPOSITION SCIENCES INC [US]
AP - US 296779/94-A 19940826 [1994US-0296779]
PR - US 296779/94-A 19940826 [1994US-0296779]
IC - B32B-009/04

1 / 1 LEGALI - ©LEGSTAT

PN - US 6197428 [US6197428]
AP - US 296779/94 19940826 [1994US-0296779]
DT - US-P
ACTE - 19940826 US/AE-A
APPLICATION DATA (PATENT)
US 296779/94 19940826 [1994US-0296779]

20010306 US/BA
PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)

20011023 US/RF
REISSUE APPLICATION FILED
20010711
UP - 2001-44

2 / 2 INPADOC - ©INPADOC

PN - WO 9606961 A1 19960307 [WO9606961]
TI - NOVEL GEMSTONES AND DECORATIVE OBJECTS COMPRISING A SUBSTRATE AND AN OPTICAL INTERFERENCE FILM
LA - ENG
IN - ROGERS DONALD Z
PA - DEPOSITION SCIENCES INC [US]
AP - WO 9510379/95(US)-A 19950814 [1995WO-US10379]
PR - US 296779/94-A 19940826 [1994US-0296779]
IC - C30B-029/00; B32B-009/00; B32B-019/00; A47G-035/00
DS - CA* JP* KR* MX* AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

1 / 1 LEGALI - ©LEGSTAT

PN - WO 9606961 [WO9606961]
AP - WO 9510379/95(US) 19950814 [1995WO-US10379]
DT - WO-P
ACTE - 19950814 WO/AE-A
APPLICATION DATA
WO 9510379/95(US) 19950814 [1995WO-US10379]

19960307 WO/AK-A1 [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH
REPORT
CA JP KR MX

19960307 WO/AL-A1 [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED
APPLICATION WITH SEARCH REPORT
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

19960307 WO/A1 [+]
PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT

19960612 WO/121
EP: PCT APP. ART. 158 (1)

19960620 WO/DFPE
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION
OF 19TH MONTH FROM PRIORITY DATE

19971210 WO/122
EP: PCT APP. NOT ENT. EUROP. PHASE

19980426 WO/NENP
NON-ENTRY INTO THE NATIONAL PHASE IN:
CA
<CA>

UP - 1998-26

PATNO IS 6197428

DATE: MARCH 27, 2002
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 6197428

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6,197,428, March 6, 2001, Gemstones and decorative objects comprising a substrate and an optical interference film, Rogers, Donald Z., Santa Rosa, California, Deposition Sciences, Inc., Santa Rosa, California [02] United States Company or Corporation

CORE TERMS: gemstone, coating, substrate, oxide, layer, color, optical, colored, thin film, nanometers...

LEVEL 1 - 1 OF 1 PATENT

6,197,428

<=2> GET 1st DRAWING SHEET OF 5

March 6, 2001

Gemstones and decorative objects comprising a substrate and
an optical interference film

REISSUE: Reissue Application filed Jul. 11, 2001 (O.G. Oct. 23, 2001) Ex. Gp.:
1773; Re. S.N. 09/901,671

CORE TERMS: gemstone, coating, substrate, oxide, layer, color, optical,
colored, thin film, nanometers...

6197428 OR 6,197,428

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